## THE DEVELOPMENT OF STUDENT WORKSHEET BASED GUIDED INQUIRY USING 4-D METHOD WITH PHET SIMULATION ON WORK AND ENERGY TOPIC

By:

Nurreda
ID 4153322017
Physics Education Study Program



**THESIS** 

Submitted to Acquire Eligible of Sarjana Pendidikan

PHYSICS PROGRAM
FACULTY OF MATHEMATHICS AND SCIENCES
STATE UNIVERSITY OF MEDAN
MEDAN
2019